AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A method for checking disk loading status in an optical disk driver having a plurality of optical sensors and a disk loading switch, comprising the steps of:

discriminating loading status of an optical disk during multiple loading stages of the disk on the basis of sensing signals respectively outputted from the plurality of optical sensors and from the disk loading switch for sensing whether the optical disk has been completely loaded;

transmitting information to a host connected through an interface to the optical disk driver in case that the disk has been jammed based on ~~upon~~ the discrimination; and

performing a disk-ejection operation according to a disk ejection command received from the host.

2. (Canceled)

3. (Previously Presented) The method according to claim 1, wherein when the combination of the sensing signals respectively outputted is not a value indicating a state that the disk is completely mounted and being maintained as such for more than a predetermined time, it is discriminated that the disk has been jammed.

4. (Previously Presented) A method for checking disk loading status in an optical disk driver having a plurality of optical sensors and a disk loading switch, comprising the steps of:

discriminating loading status of an optical disk during multiple loading stages of the disk on the basis of sensing signals respectively outputted from the plurality of optical sensors and from the disk loading switch for sensing whether the optical disk has been completely loaded; and

performing a disk-ejection operation in case that the disk has been jammed in the optical disk driver based upon the discrimination.

5. (Original) The method according to claim 4, further comprising a step of transmitting information reporting the disk-ejection to a connected host.

6. (Currently Amended) A system for checking disk loading status in an optical disk driver having multiple disk loading stages, a plurality of optical sensors that output signals and a disk loading switch that outputs signals, comprising:

means for discriminating loading status of an optical disk during multiple loading stages of the disk including determining that the values of the sensing

signals respectively outputted from ~~a~~ the plurality of optical sensors and ~~a~~ the disk loading switch are maintained for more than a predetermined time;

means for transmitting information to a host connected through an interface to the optical disk driver in case that the disk has been jammed based on the discrimination; and

means for performing a disk-ejection operation according to a disk ejection command received from the host.

7. (Currently Amended) A system for checking disk loading status in an optical disk driver ~~having multiple disk loading stages, a plurality of optical sensors and a disk loading switch,~~ comprising:

means for discriminating loading status of an optical disk during multiple loading stages of the disk including determining that ~~the~~ values of ~~the~~ sensing signals respectively outputted from the plurality of optical sensors and ~~a~~ the disk loading switch are maintained for more than a predetermined time; and

means for performing a disk-ejection operation in case that the disk has been jammed in the optical disk driver based upon the discrimination.

8. (Currently Amended) The method according to claim 1, wherein the ~~determining~~ discriminating step includes determining that the values of the

sensing signals respectively outputted from the plurality of optical sensors and the disk loading switch are maintained for more than a predetermined time.